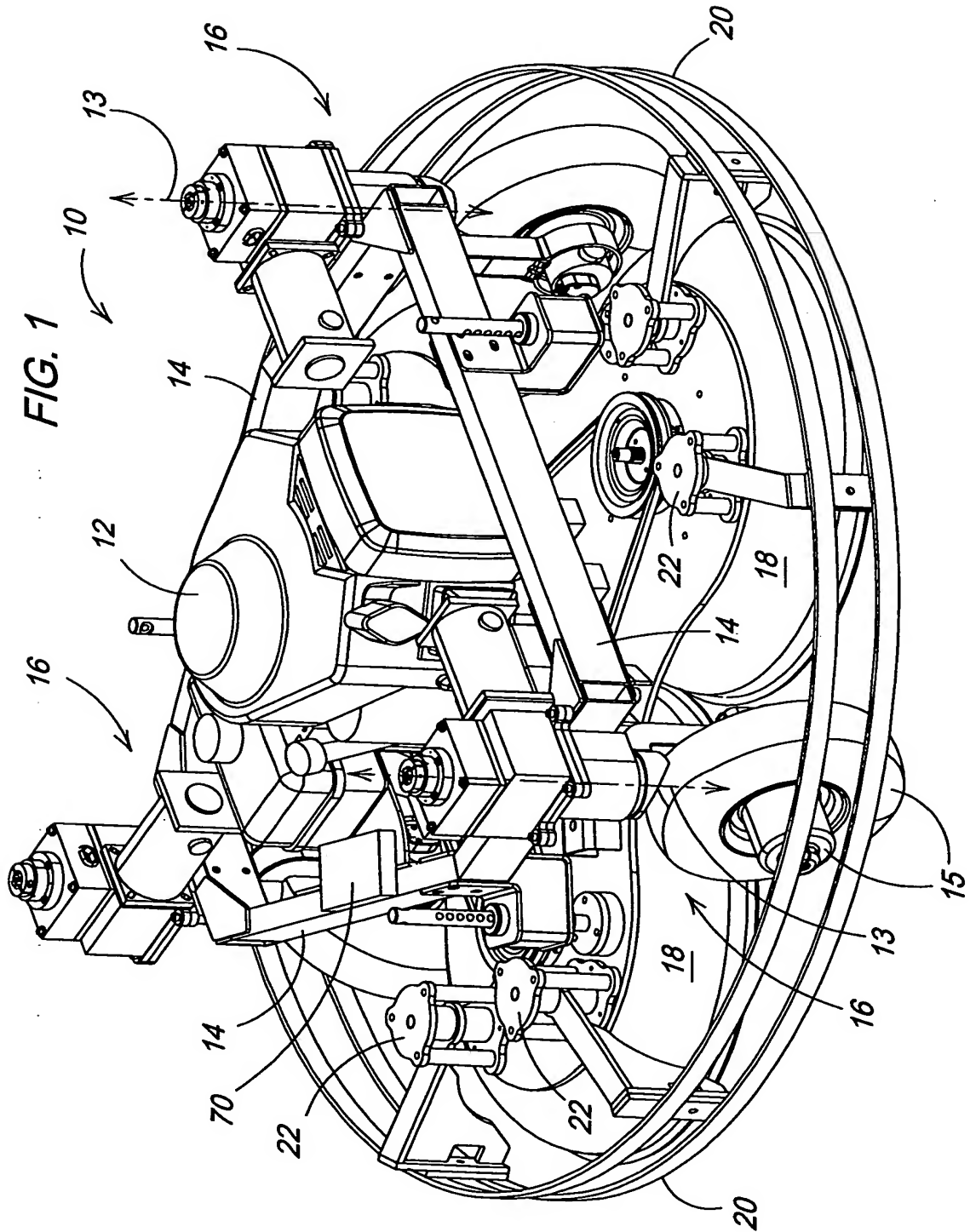
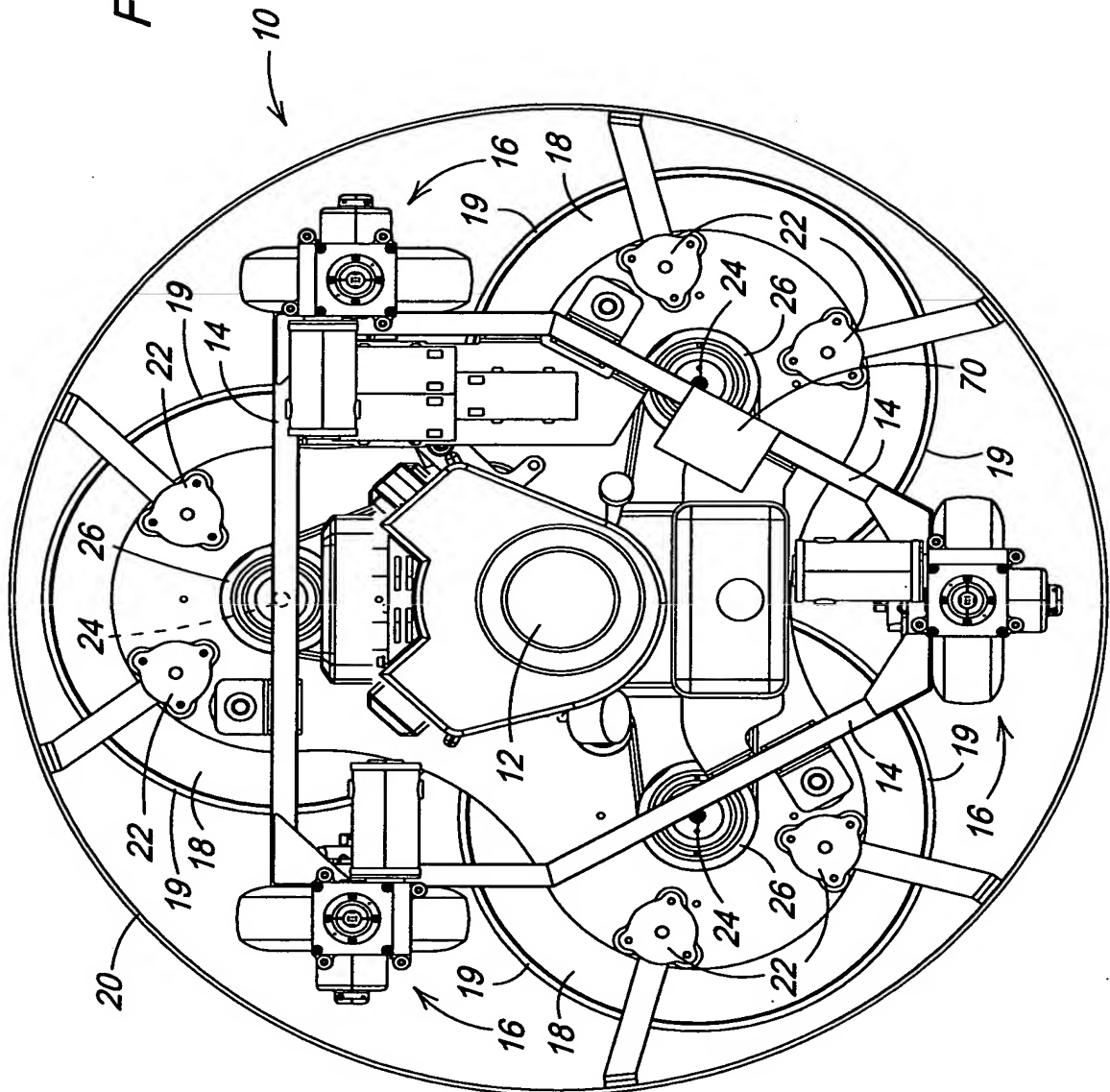


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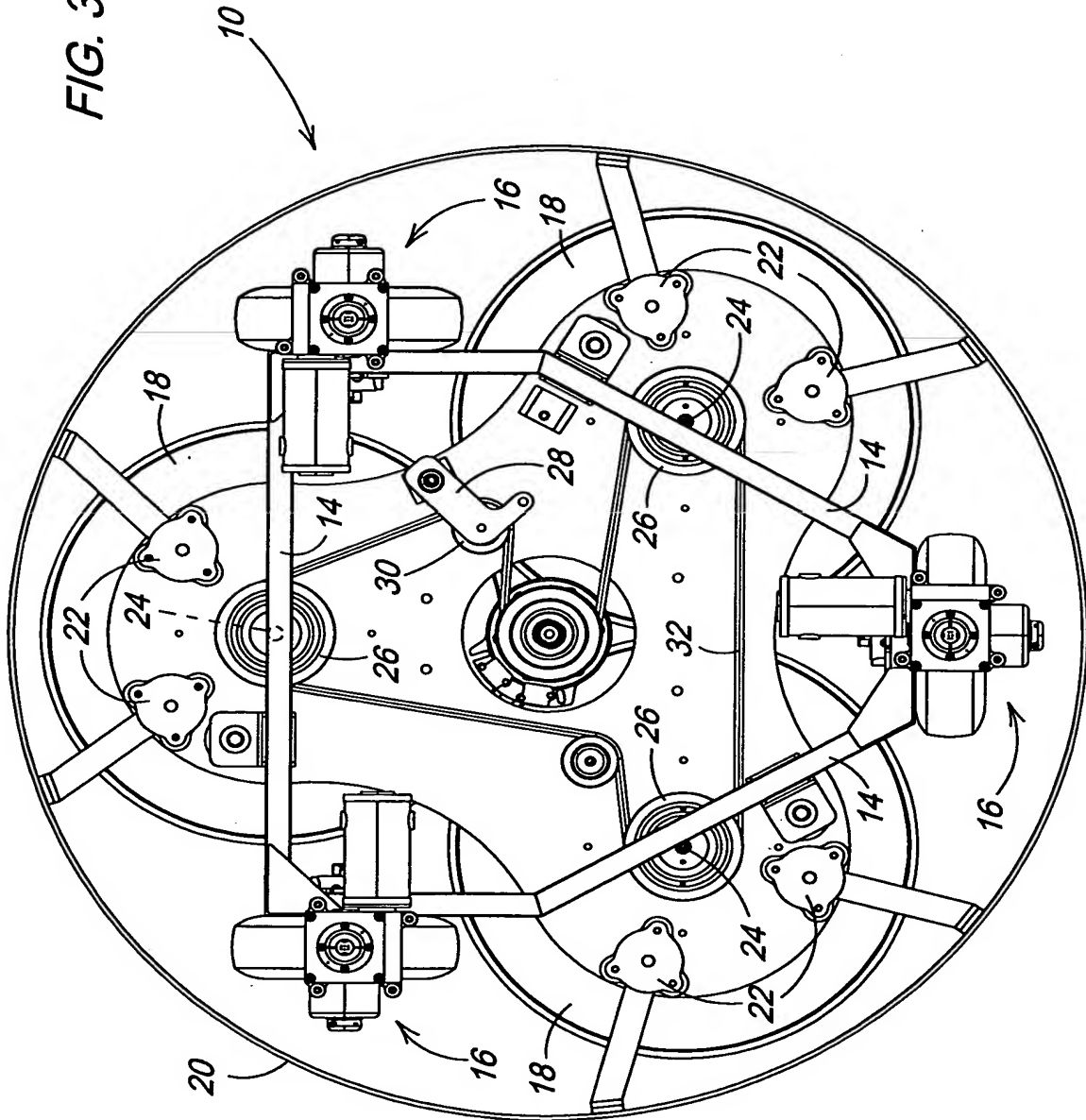
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FIG. 2



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FIG. 3



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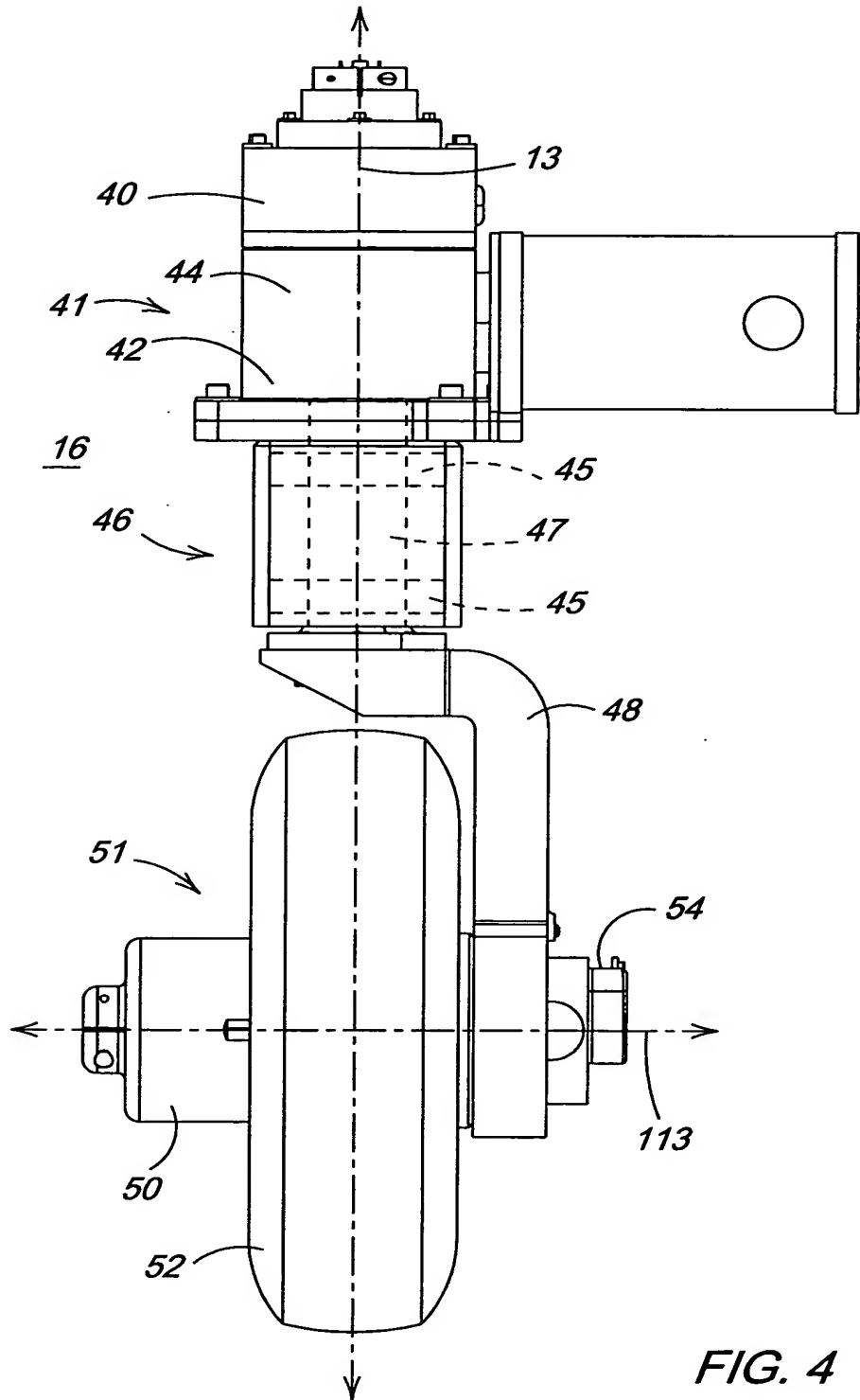
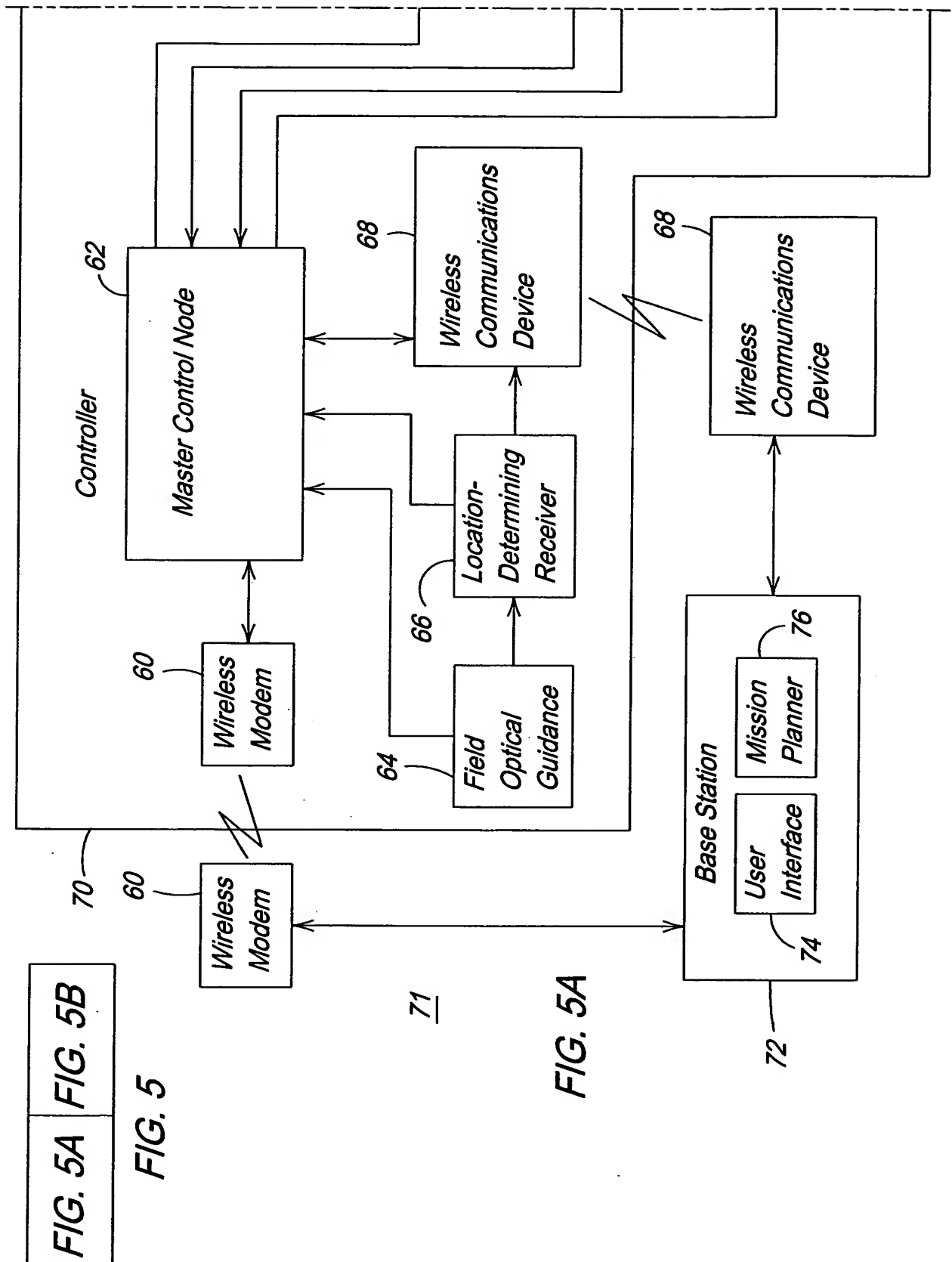


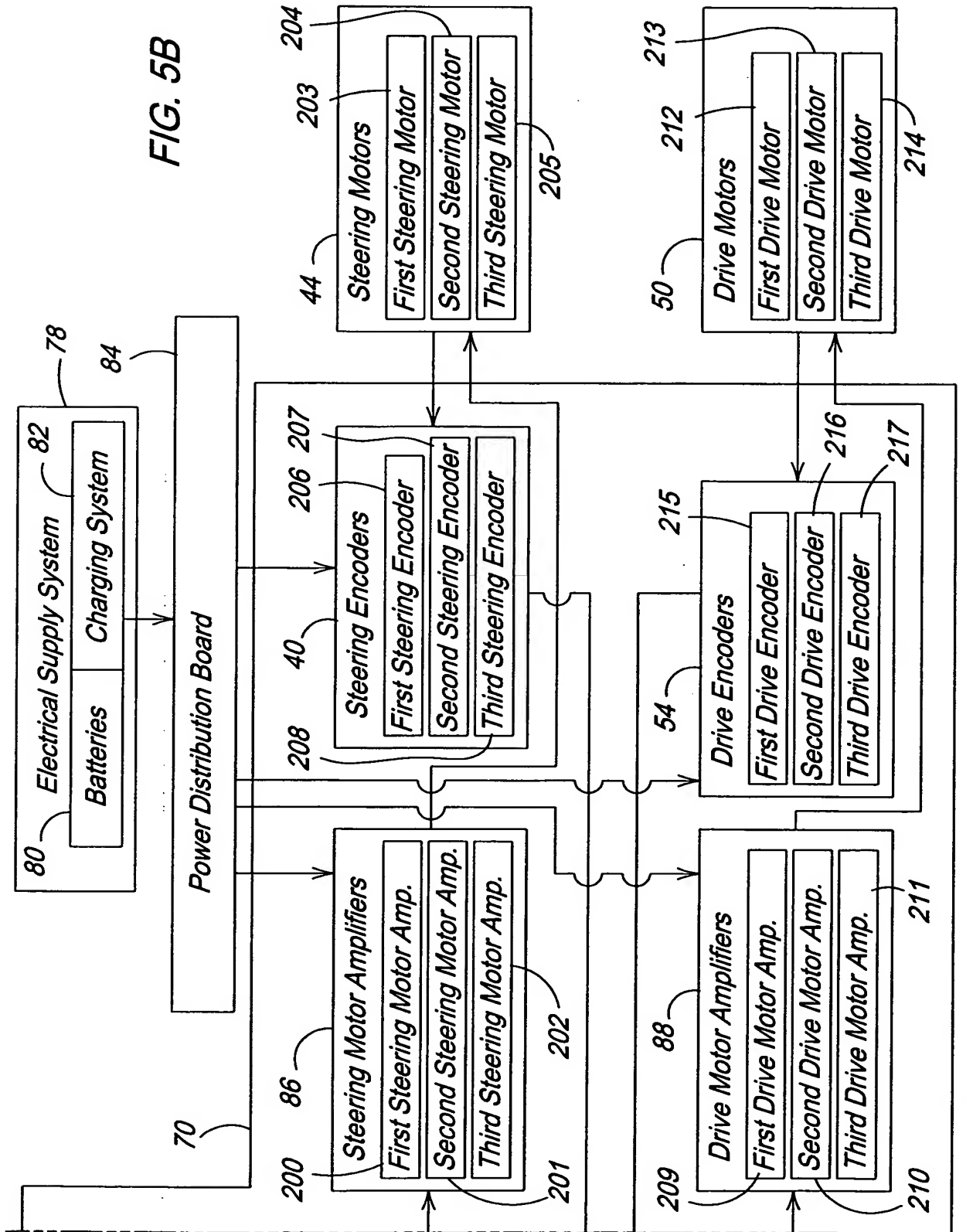
FIG. 4

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FIG. 5B



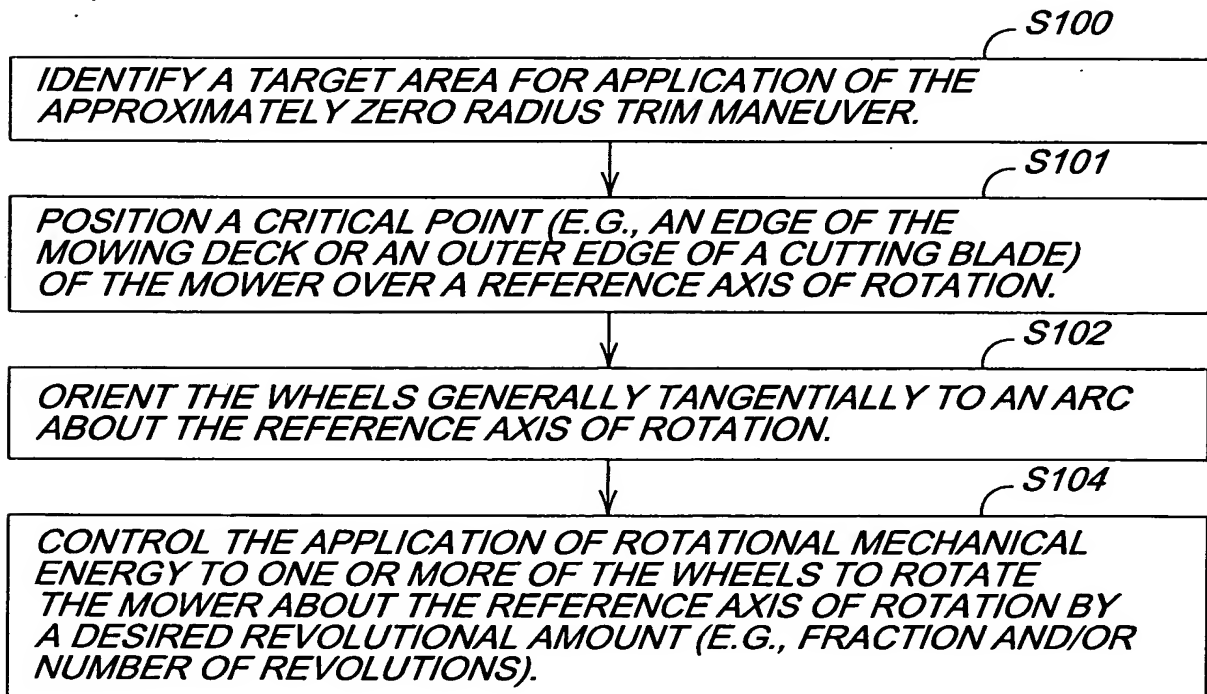
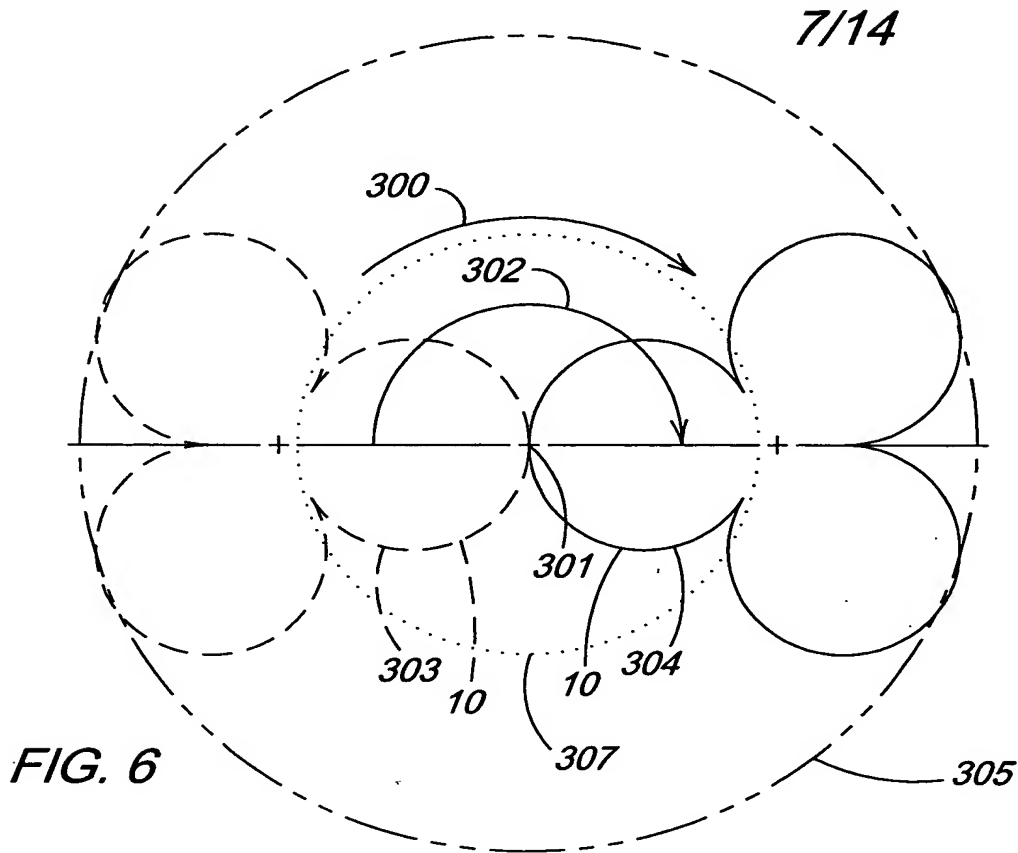


FIG. 7

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FIG. 8

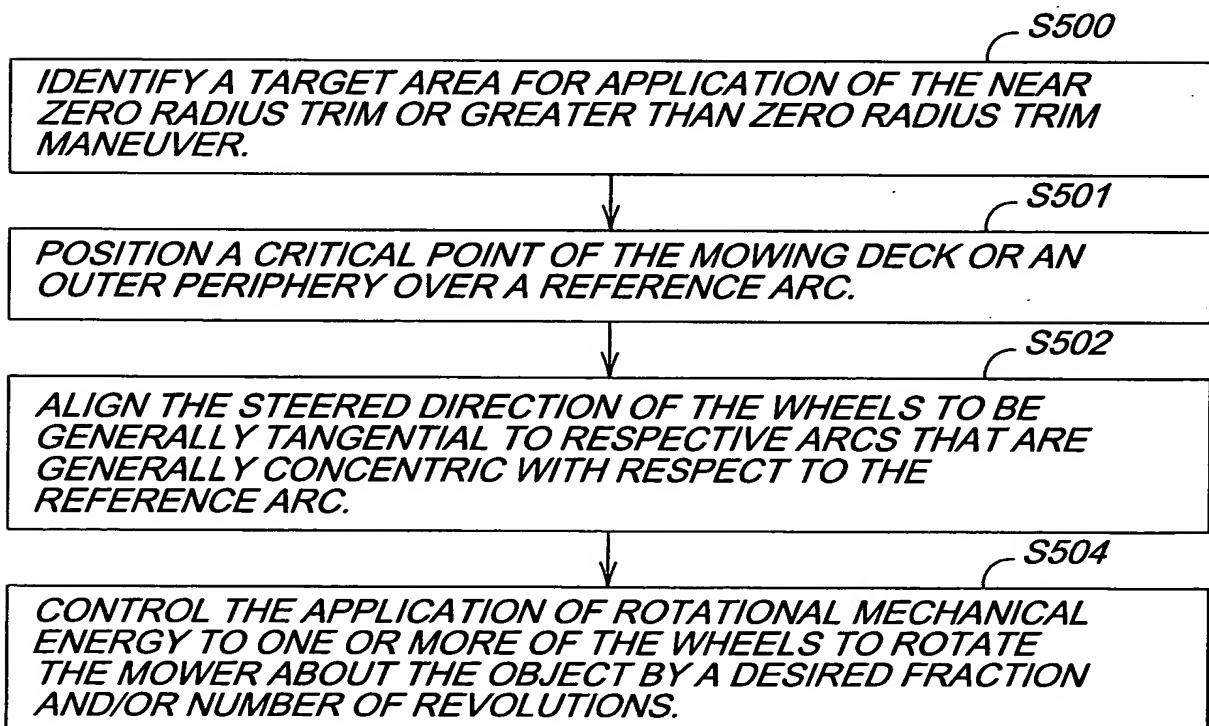
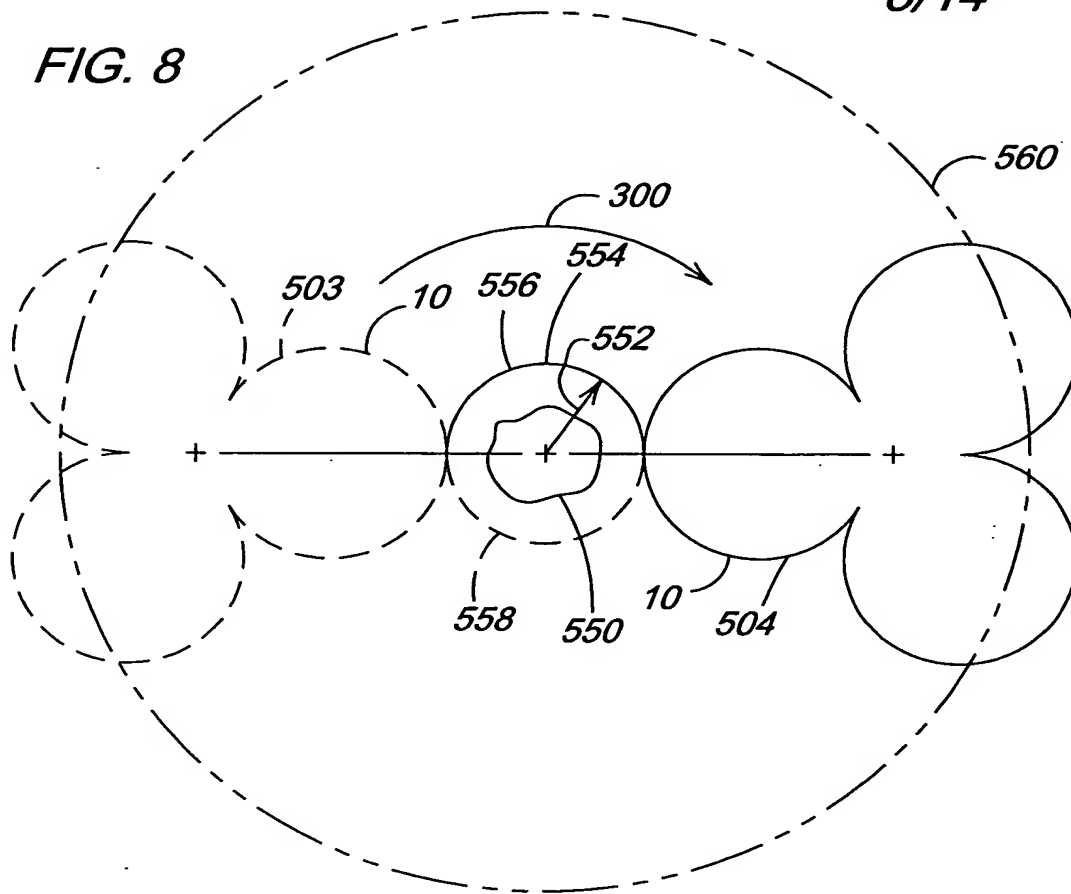


FIG. 9

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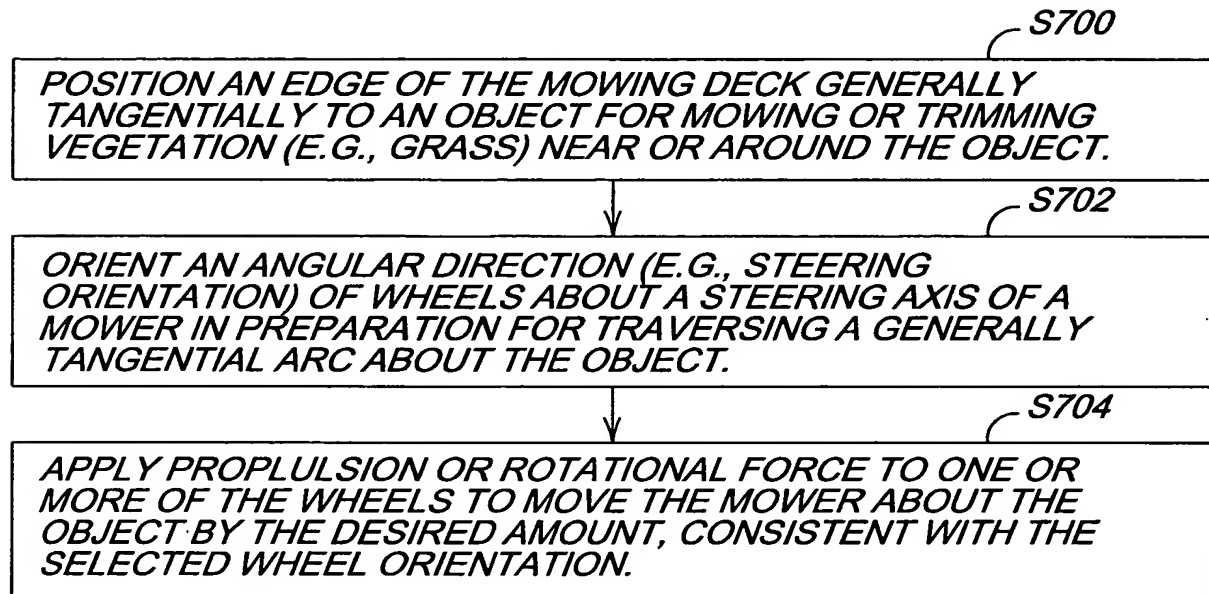


FIG. 10

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FIG. 11

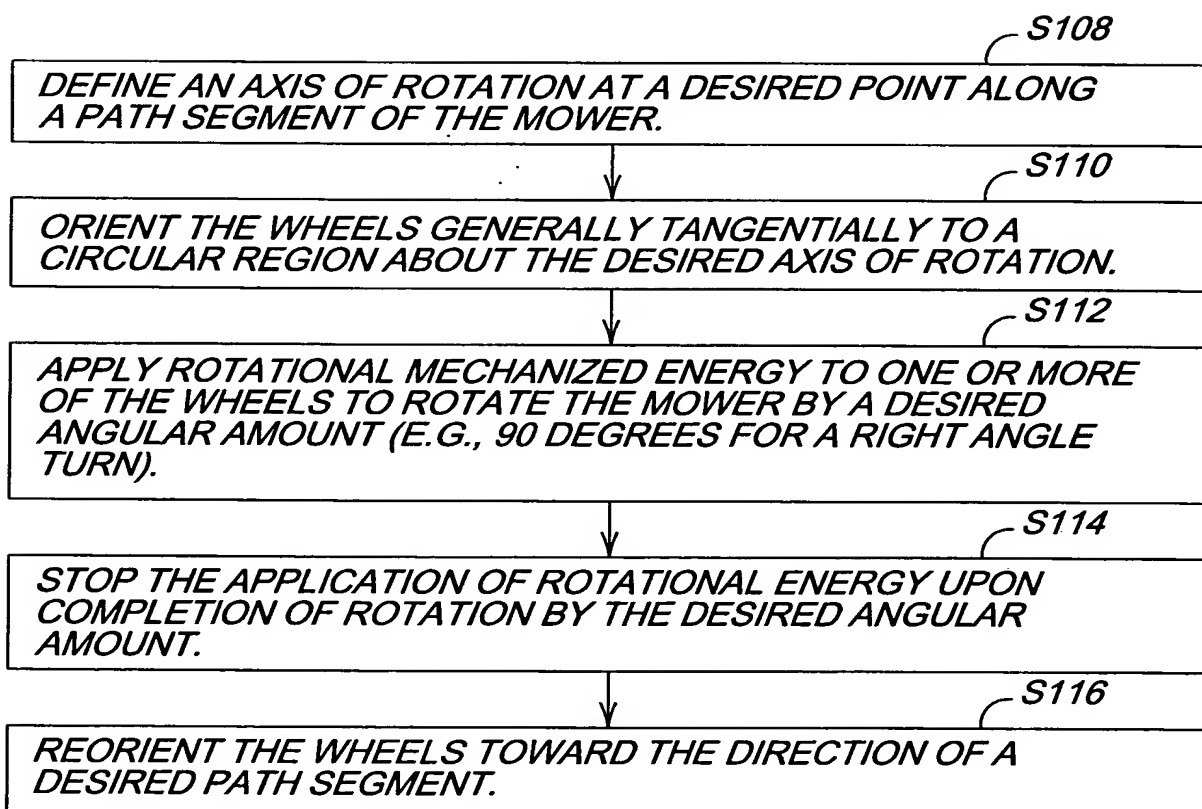
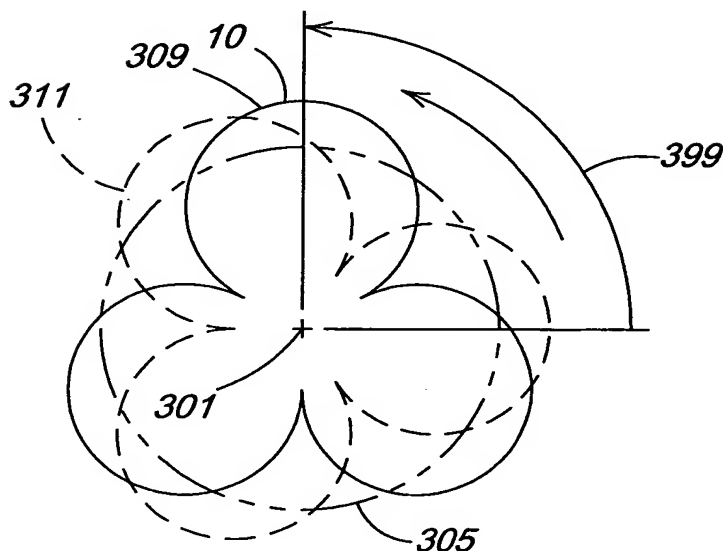


FIG. 12

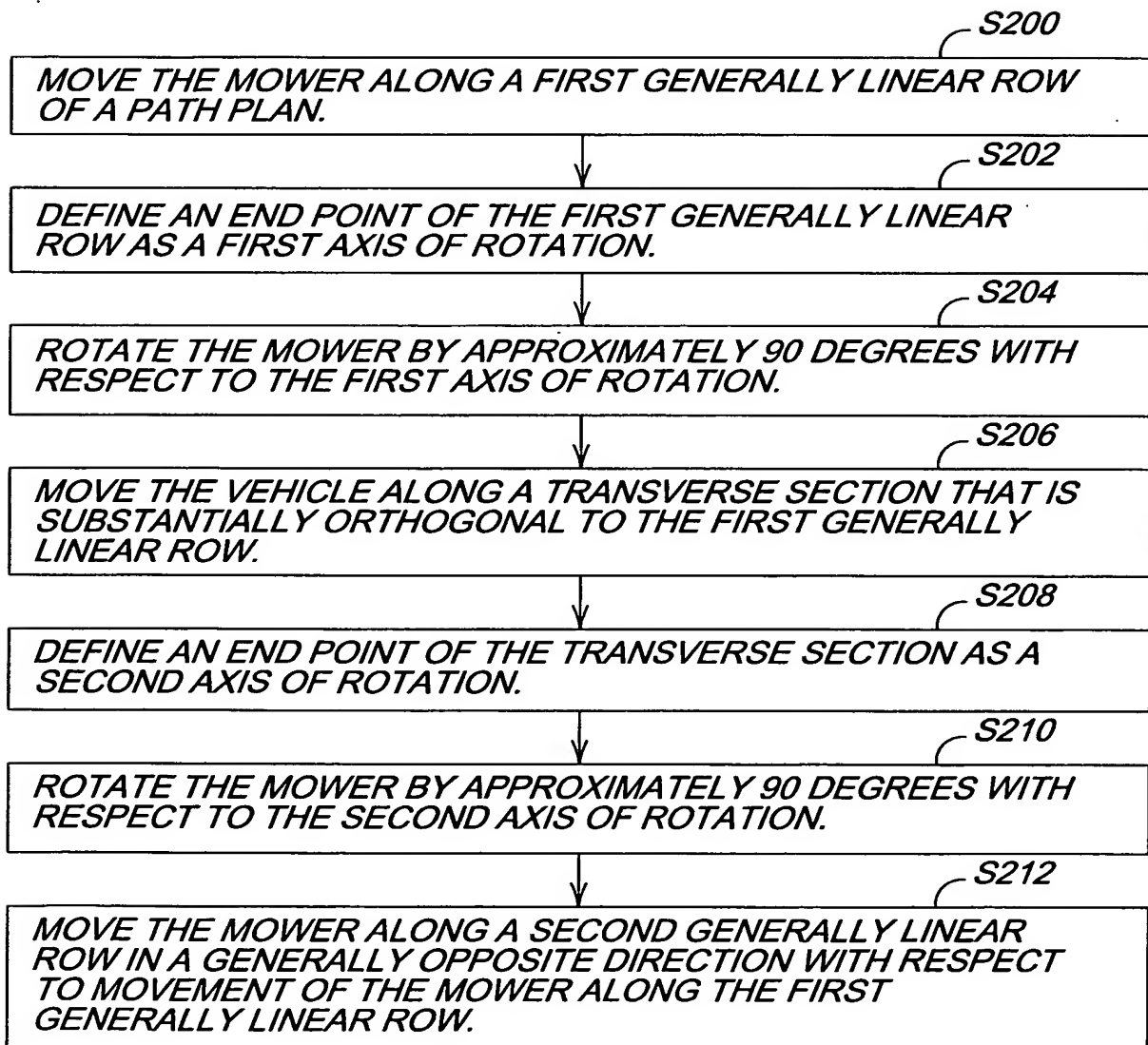
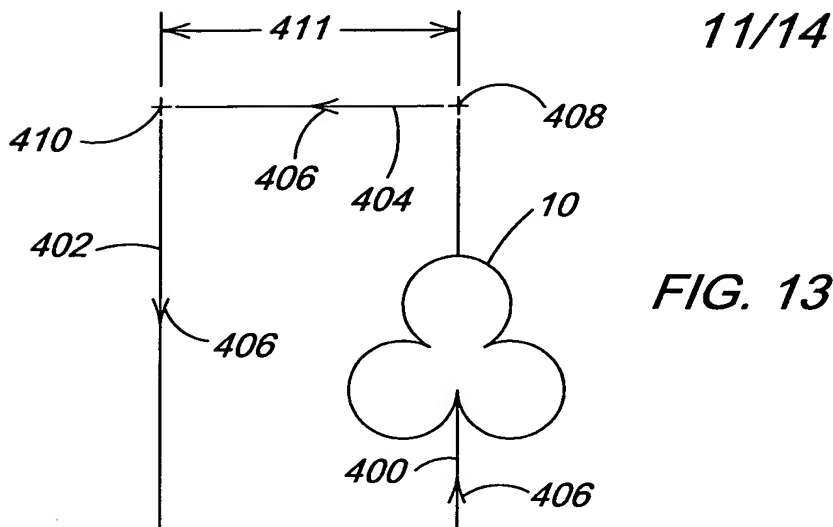
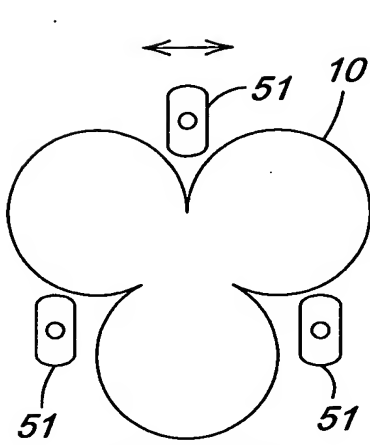
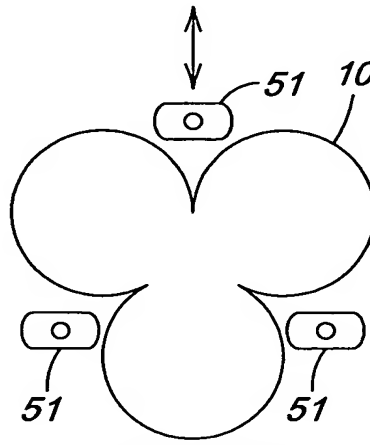


FIG. 14

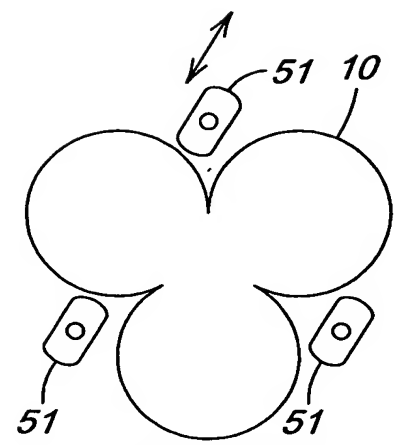
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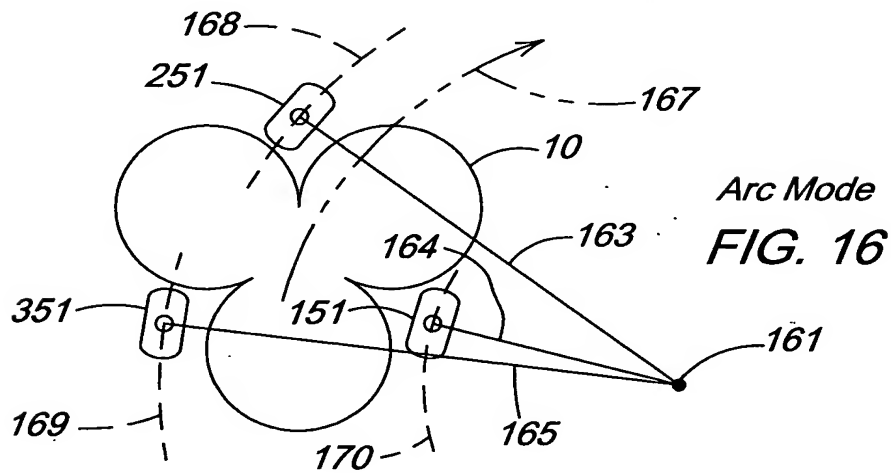
Linear Mode
FIG. 15A



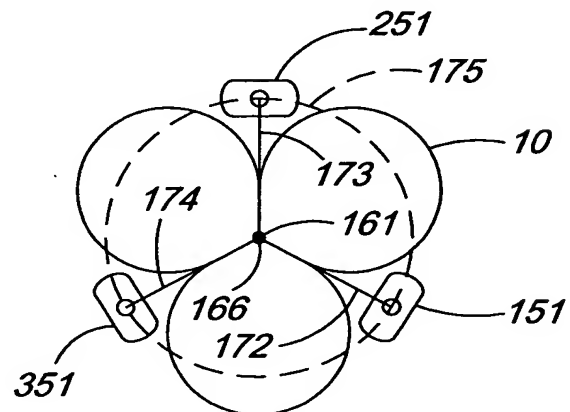
Linear Mode
FIG. 15B



Linear Mode
FIG. 15C

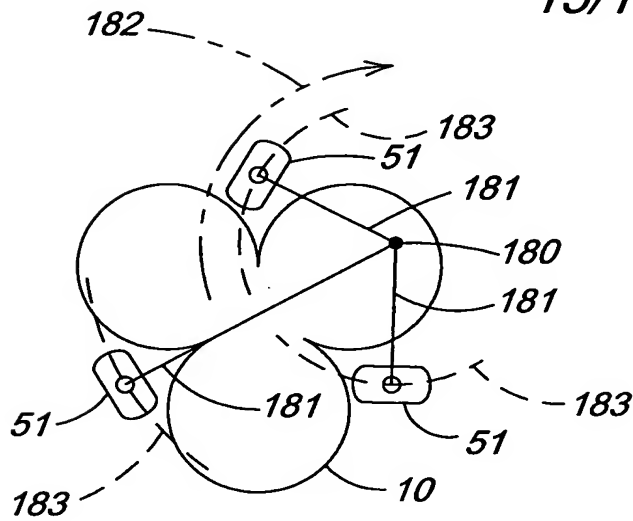


Arc Mode
FIG. 16

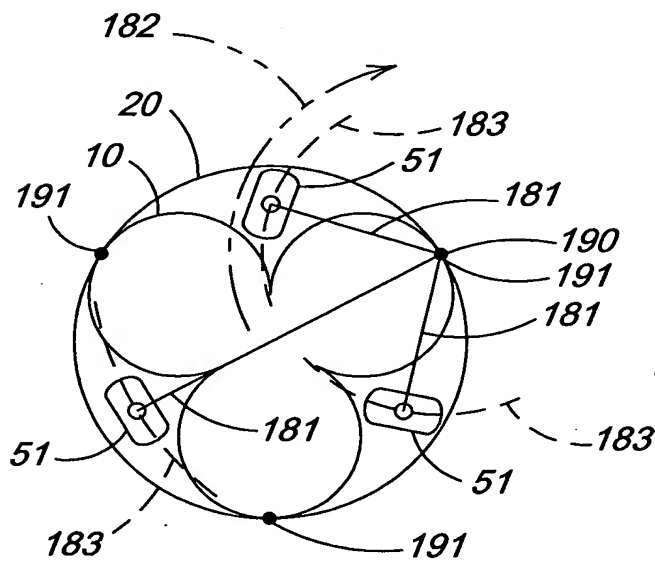


Rotating Mode
FIG. 17

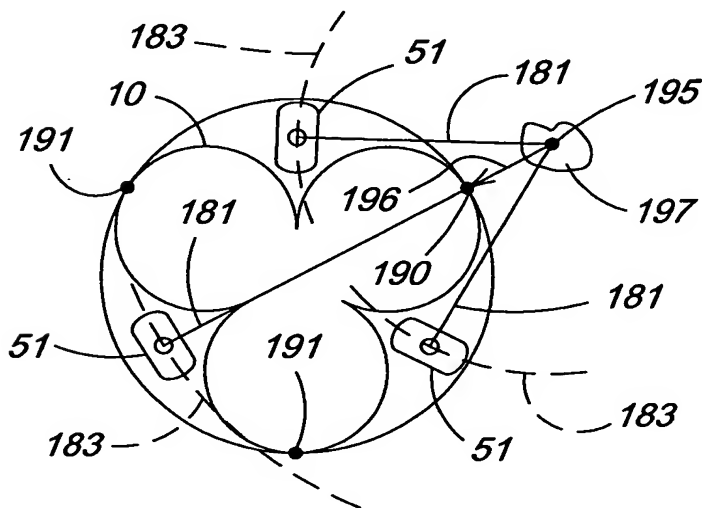
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Interior Arc Mode
FIG. 18



Trim Mode (Zero Radius)
FIG. 19



*Trim Mode
(Greater Than Zero Radius)*
FIG. 20

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FIG. 21

Path Plan Data

1st Path Segment

Starting Coordinate (X_1, Y_1)

Destination Coordinate (X_2, Y_2)

Mode (E.g., Linear, Arc, Rotating or Combination) (M_1)

Reference Point Coordinate (Where Applicable) (R_1)

2nd Path Segment

Starting Coordinate (X_2, Y_2)

Destination Coordinate (X_3, Y_3)

Mode (M_2)

Reference Point (R_2)

⋮

Nth Path Segment

Starting Coordinate (X_N, Y_N)

Destination Coordinate (X_{N+1}, Y_{N+1})

Mode (M_N)

Reference Point (R_N)

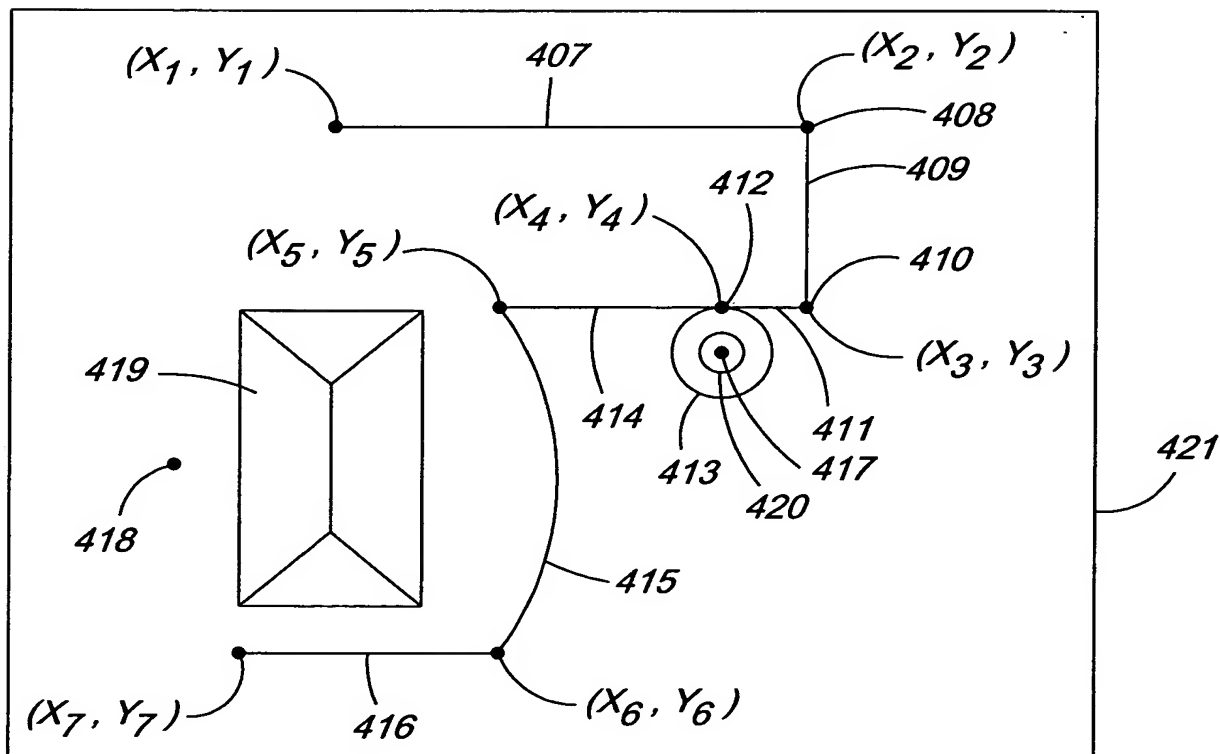


FIG. 22